



MODULE 5a

STT ANALYSIS & DISPLAY OPERATIONS



5a.1

**STT Image
Display**

5a.2

**STT Analysis
Tools**

5a.3

**STT View
Options**

5a.4

**STT Graphics
Tools**

5a.5

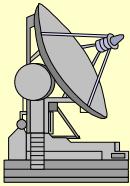
**STT Color
Enhancement**

5a.6

**STT System
Management**

MODULE 5a

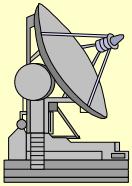
5a-1



MODULE 5a OBJECTIVES



Using the STT training simulator, system manuals, and student workbooks, the student will be able to perform image/product display and analysis and basic system management.



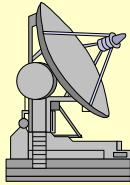
LESSON 5a.1



STT IMAGE/PRODUCT FILE OPERATIONS

MODULE 5a

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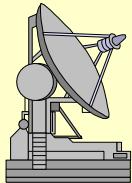


LESSON 5a.1 OVERVIEW



In this section we will cover:

- Loading Images
- Saving Images as Products
- Loading Products
- Load Animation Loops
- Quick Environment Data Records (EDRs)
- Printing Operations
- Sending Mail



LESSON 5a.1 OBJECTIVES



- Using the STT training simulator, system manuals, and student workbooks, the student will be able to:
 - Load an image
 - Save an image as a product
 - Load products
 - Load animation loops
 - Perform Quick EDRs functions
 - Print images and products
 - Send mail



LOADING IMAGES



Load Image - xxx

Data Type		APT HRPT DMSP WEFAX HRGEO	
Projection	Image Category	Image Type	DTG
Satellite PSN PSS Mercator Composite	Channel_A Channel_B UserDef_Visir	All	951104_1134_N12 951104_0048_N12
Maps		◆ On ◇ Off	Work Window
<input type="button" value="OK"/>		<input type="button" value="Maps . . ."/>	<input type="button" value="Cancel"/>
		<input type="button" value="Help"/>	<input type="button" value="1"/> <input type="button" value="2"/> <input type="button" value="3"/> <input type="button" value="4"/>



SAVING IMAGES AS PRODUCTS



- Images are saved to disk as products and then reloaded back into the Image Display application as needed.

Save Product

Class Name <i>A “class” is a grouping of related products.</i>	Product Name <i>A “product” name is a grouping of related DTGs.</i>	
Saved Class Name <input type="text"/>	Saved Product Name <input type="text"/>	
DTG: xxxxxxxxxxxx		
OK	Cancel	Help



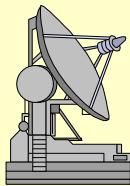
LOADING PRODUCTS



- The operator is able to load and display a previously saved product back into the Image Display application.

Load Product - Overwrite: NONE

Class Name Infrared Visible Water_vapor Other	Product Name User-Defined	DTG 941104_1134_N12 941104_0048_N12
<input type="button" value="▲"/>	<input type="button" value="▲"/>	<input type="button" value="▲"/>
<input type="button" value="▼"/>	<input type="button" value="▼"/>	<input type="button" value="▼"/>
Work Window 4		
<input type="button" value="OK"/>	<input type="button" value="Cancel"/>	<input type="button" value="Help"/>



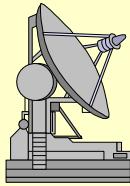
LOAD ANIMATION LOOP WINDOW



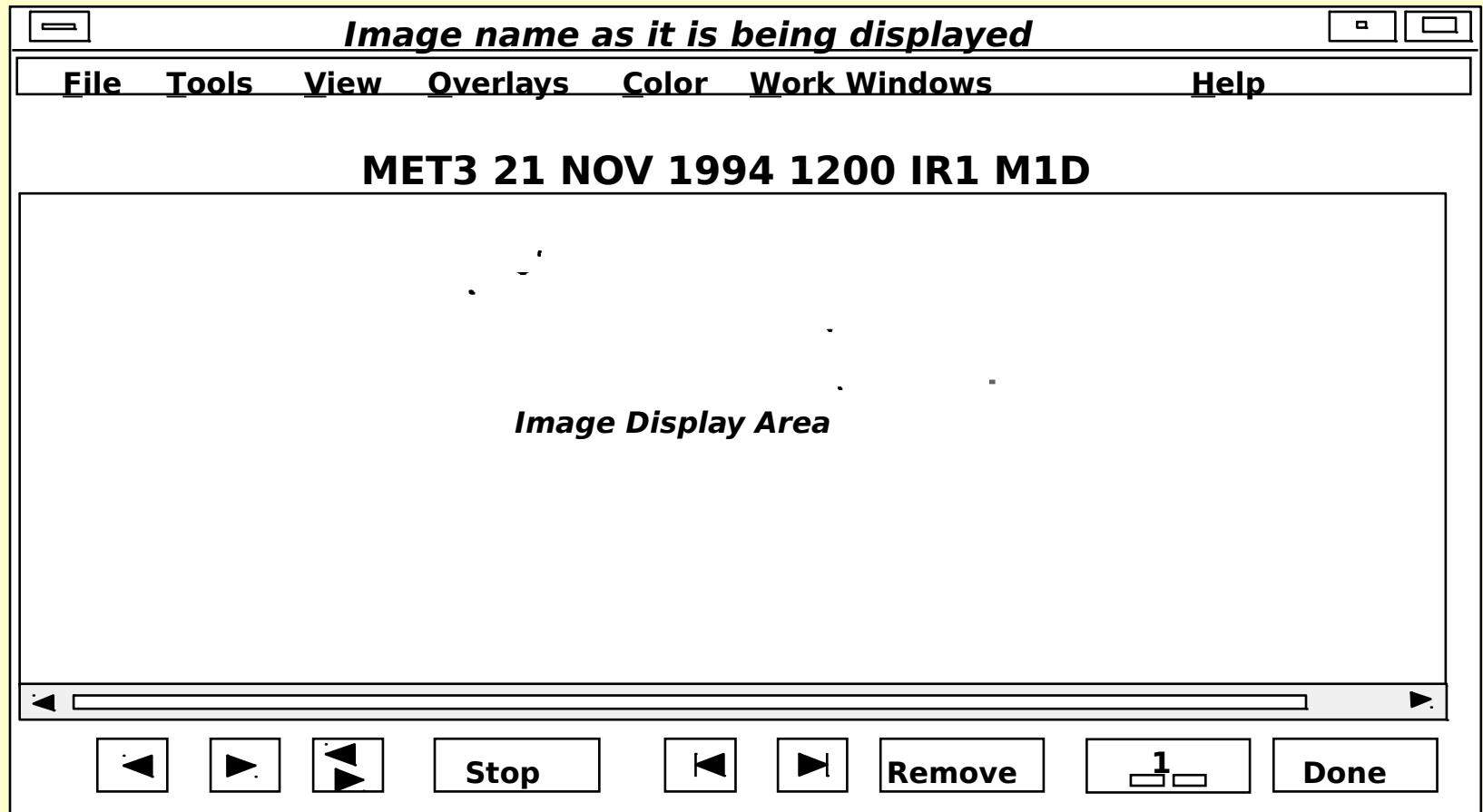
Load Animation Loop

Data Type <input type="text" value="WEFAX"/> <input type="button" value="..."/>			
Projection	Channel	Sector	DTG
Satellite	Infrared Visible Water_Vapor Other	NE NW SE SW US	951101_1302_G8 951101_1030_G8 951101_0702_G8

ZOOM MAPS Number Selected



ANIMATION WINDOW AND LOOP CONTROLS



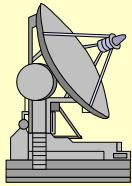


CREATE QUICK EDR WINDOW



Create Quick EDR Overwrite: Image Display

Projection	EDR Category	Data Type	DR Type	Available DT Gs
Satellite PSN PSS Mercator	Quick_EDR UserDef_EDR UserDef_Visir	DMSP APT HRGEO HRPT	Cloud_Liq_Water Ice_Age Ice_Concent Ice_Edge Rain_Rate_Land Sfc_Temp_Land Sfc_Wind_Acc	951121_1425_F12 951119_2214_F11
Work Window <input type="button" value="1"/>		Generate Foreground		Generate Background
<input type="button" value="Close"/>		<input type="button" value="Edit Quick EDR..."/>		<input type="button" value="Edit User Defined.."/>
				<input type="button" value="Help"/>



PRINT WINDOW



Print

Picture Size

- Use Screen Resolution
- Use Printer Resolution

Crop Options

- Don't Crop
- Crop off Right Side
- Crop off Left Side

OK

Cancel

Clear Queue . . .

Help



SENDING MAIL



Mail

E-mail address

Subject

Description

I (Optional)

OK Cancel Help

Errors in sending mail are found in the Error and Status logs under **mail_handler**.

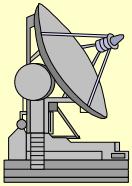


LESSON 5a.1 REVIEW



In this section we covered:

- Loading Images
- Saving Images as Products
- Loading Products
- Animation Loops
- Quick Environment Data Records (EDRs)
- Printing Operations
- Sending Mail



LESSON 5a.2



STT ANALYSIS TOOLS



LESSON 5a.2 OVERVIEW



In this section we will cover

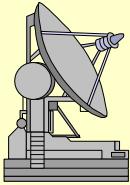
- Histograms
- Skew-T Diagram
- Changing Projections
- Applying False Color
- Applying Filters



LESSON 5a.2 OBJECTIVES



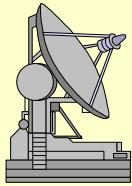
- Using the STT training simulator, system manuals, and student workbooks, the student will be able to:
 - Apply Histograms to enhance imagery
 - Use the Skew-T function to further analyze imagery
 - Change the projection of displayed images
 - Apply false color to displayed images
 - Apply filters to enhance displayed images



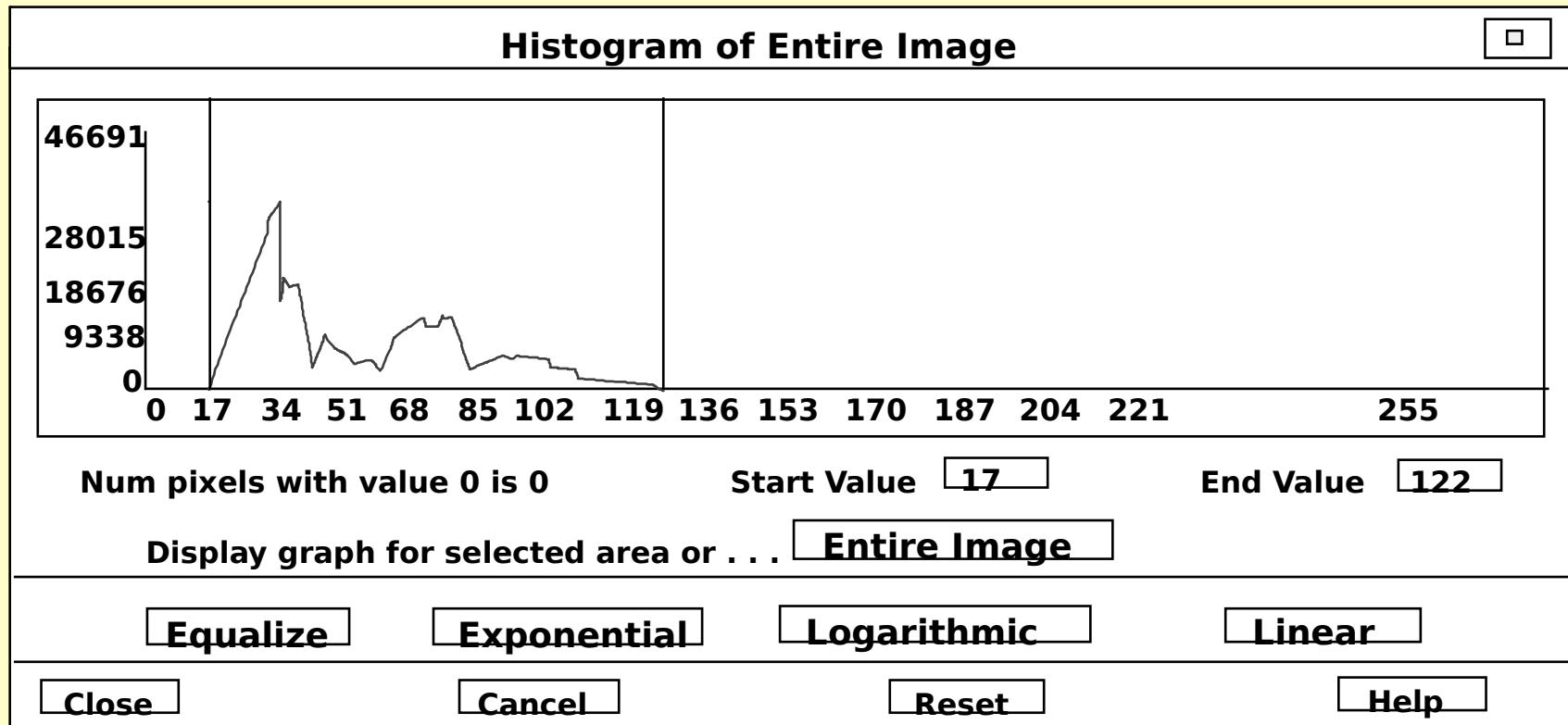
HISTOGRAM (pt 1 of 4)



- Concentrates all 256 gray shades into the pixels that are actually used by that image.
- Greatly increases contrast and sharpens the image.
- Can be used to highlight specific temperatures or gray shades.
- You can histogram the entire image or you can select an image area by “clicking and dragging” a box in the image area.

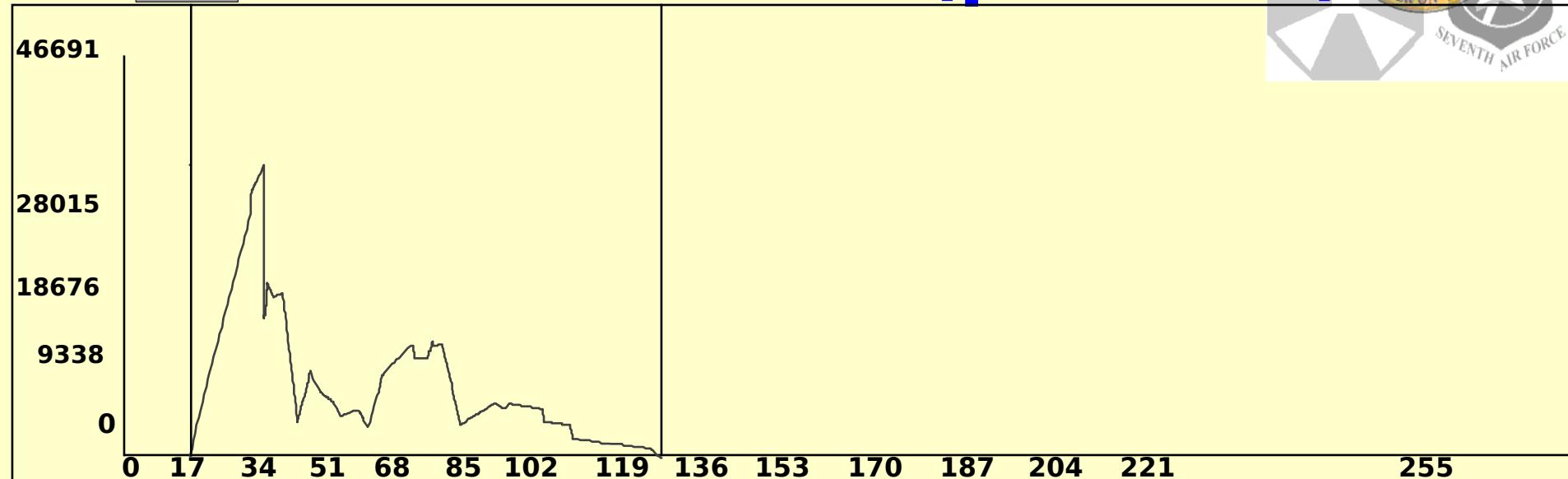


HISTOGRAM WINDOW

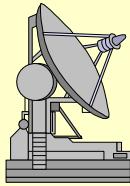




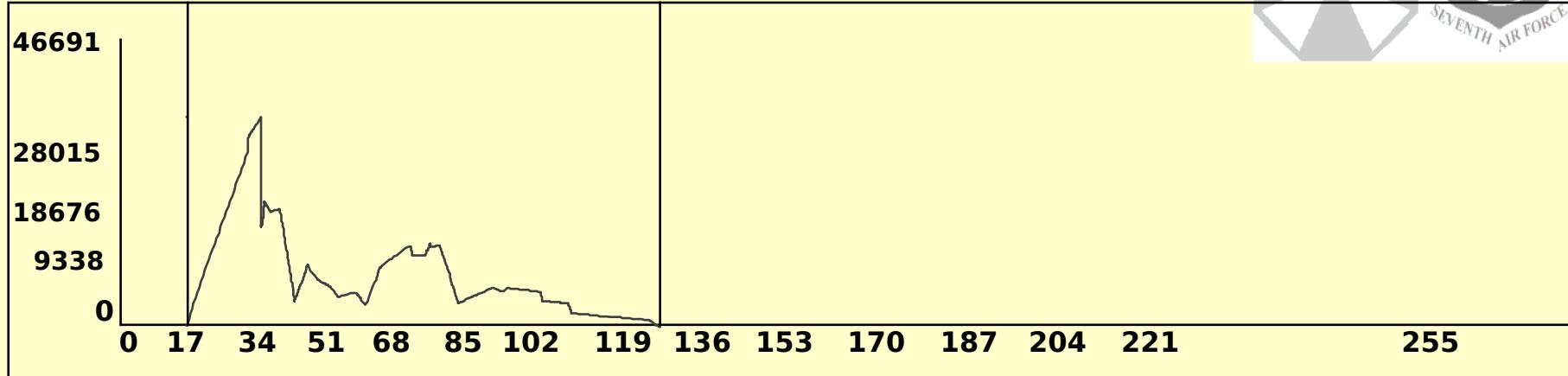
HISTOGRAM (pt 2 of 4)



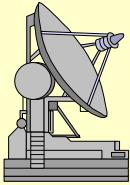
- To interrogate a pixel value, move the cursor over the pixel or temperature value that you want to interrogate, and read the pixel count window below.
- To select the range that you want to histogram, select the start and end points using the left and middle mouse button.



HISTOGRAM (pt 3 of 4)



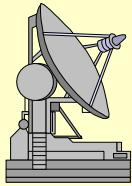
- Once you have selected an area, you can select one of four histogram options.
- With a linear histogram, the pixels with values of 17-34 will be assigned more shades than the pixels with values of 68-85.
- With an equalize histogram, everything to the left of the start position will be pure black, everything to the right of the end value will be pure white, and the remaining 254 shades will be assigned to the pixels in between.



HISTOGRAM (pt 4 of 4)



- The logarithmic histogram uses a logarithmic curve, with emphasis on the black and gray shades. This is best used to highlight lower-level features.
- The exponential histogram uses a exponential curve, with emphasis on the gray and white shades. This is best used to highlight upper-level features.



SKEW-T SCENE SELECTION WINDOW



Skew-T Scene Selection

Scene 1 data

Lat:
Lon:
Time:

26.02N
83.14W
940322_2312

left button

Scene 2 data

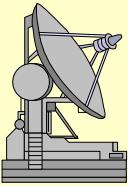
26.73N
81.20W
940322_2313

middle button

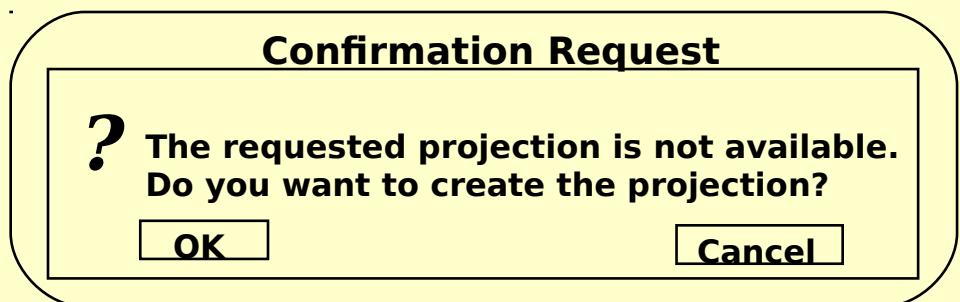
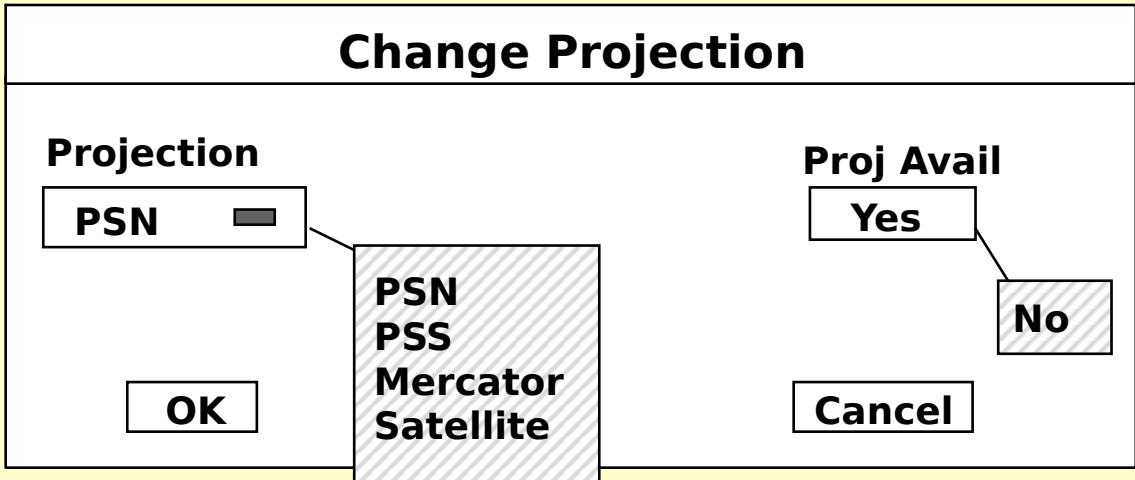
Close

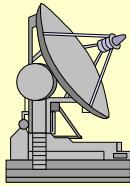
Analyze

Help



CHANGE PROJECTION WINDOW





FALSE COLOR WINDOW



False Color: HRPT-PSN-Channel_5-4:1-941129-0148-N12

Channel

Channel_1
Channel_2
Channel_3
Channel_4
Channel_5



Red Image

HRPT-PSN-Channel_5-4:1-941129-0148-N12

Green Image

HRPT-PSN-Channel_3-4:1-941129-0148-N12

Blue Image

HRPT-PSN-Channel_3-4:1-941120-1248-N12

OK

Default

Cancel

Help



FILTER WINDOW



Filter

Filter

- High_pass_sharp**
- High_pass_sharper**
- High_pass_sharpest**
- Low_pass_smooth**
- Low_pass_smoothen**
- Low_pass_smoothest**

Filter

Close **Cancel** **Help**

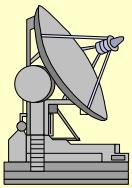


LESSON 5a.2 REVIEW



In this section we covered:

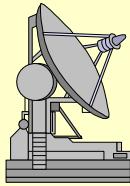
- Histograms
- Skew-T
- Changing Projections
- Applying False Color
- Applying Filters



LESSON 5a.3



VIEW OPTIONS



LESSON 5a.3 OVERVIEW



In this section we will cover

- Changing Units
- Determining Distances
- Positioning the Cursor
- Zoom Functions
- Color Bar



LESSON 5a.3 OBJECTIVES



- Using the STT training simulator, system manuals, and student workbooks, the student will be able to:
 - Change the units of the displayed image
 - Determine distance on the displayed image
 - Position the cursor through menu commands
 - Zoom displayed images
 - Access the color bar on displayed images



CHANGING UNITS



Change Units

Brightness Temperature

Kelvin

Close



DISTANCE WINDOW



Distance Between Points

Lat

Lat

Lon

Lon

Left Button

Middle Button

Distance

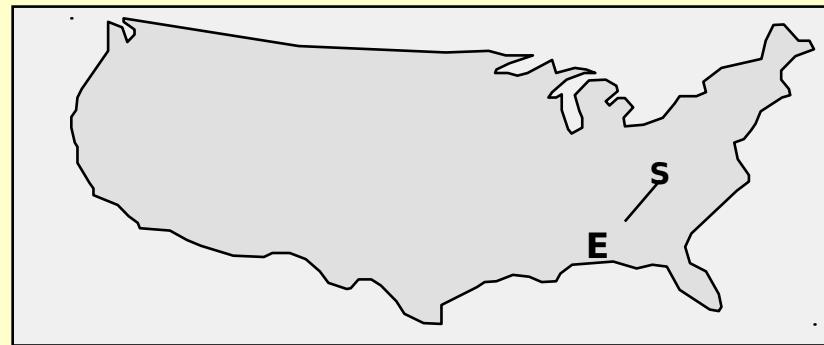
Azimuth

Nautical Miles

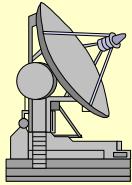


Close

Help



Nautical Miles
Kilometers
Miles
Degrees



POSITION CURSOR WINDOW

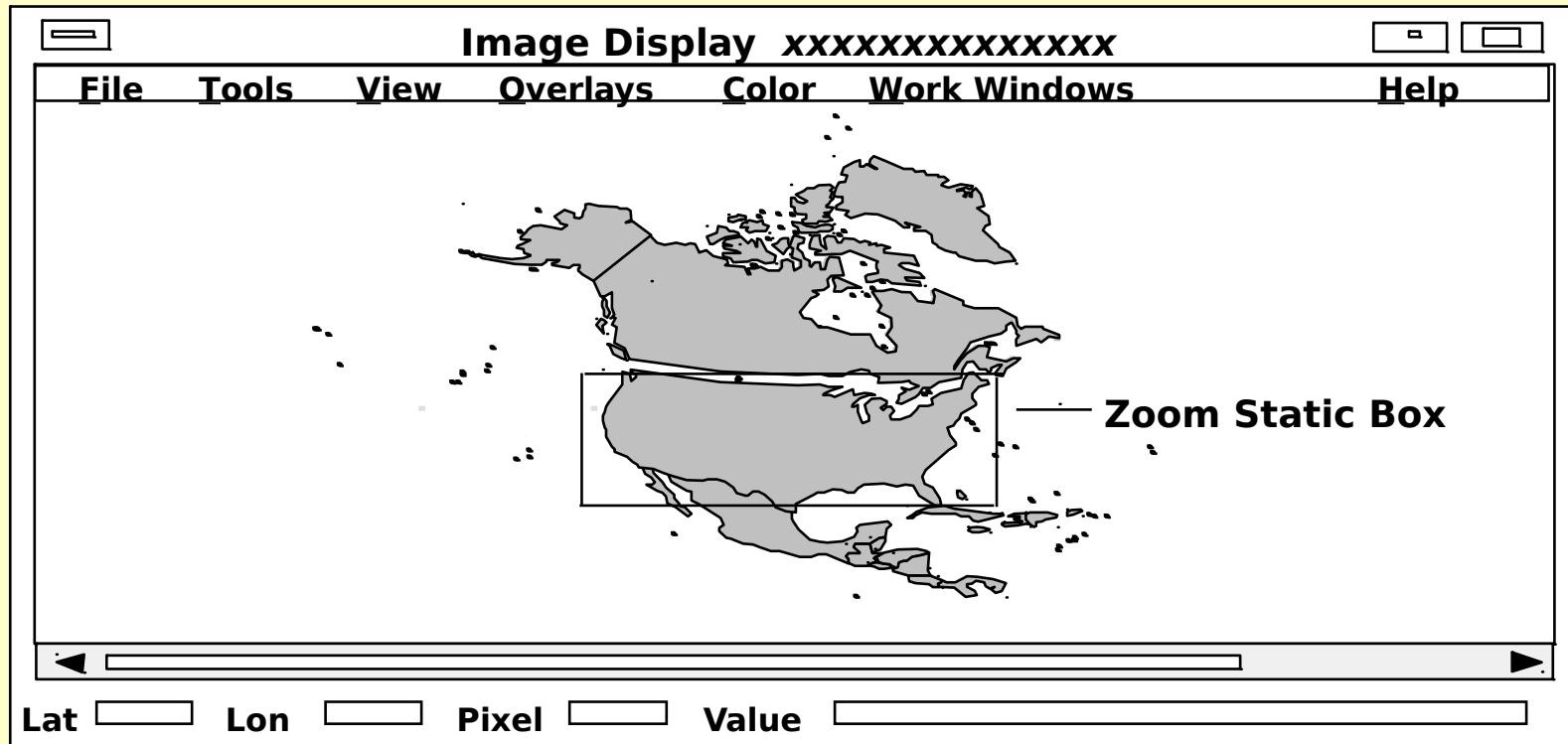


Position Cursor		
Latitude	<input type="text"/>	Fractional Degrees
Longitude	<input type="text"/>	Fractional Degrees
OK	Apply	Cancel
Help		

The system allows values with three decimal points of precision requires the hemisphere to be provided.

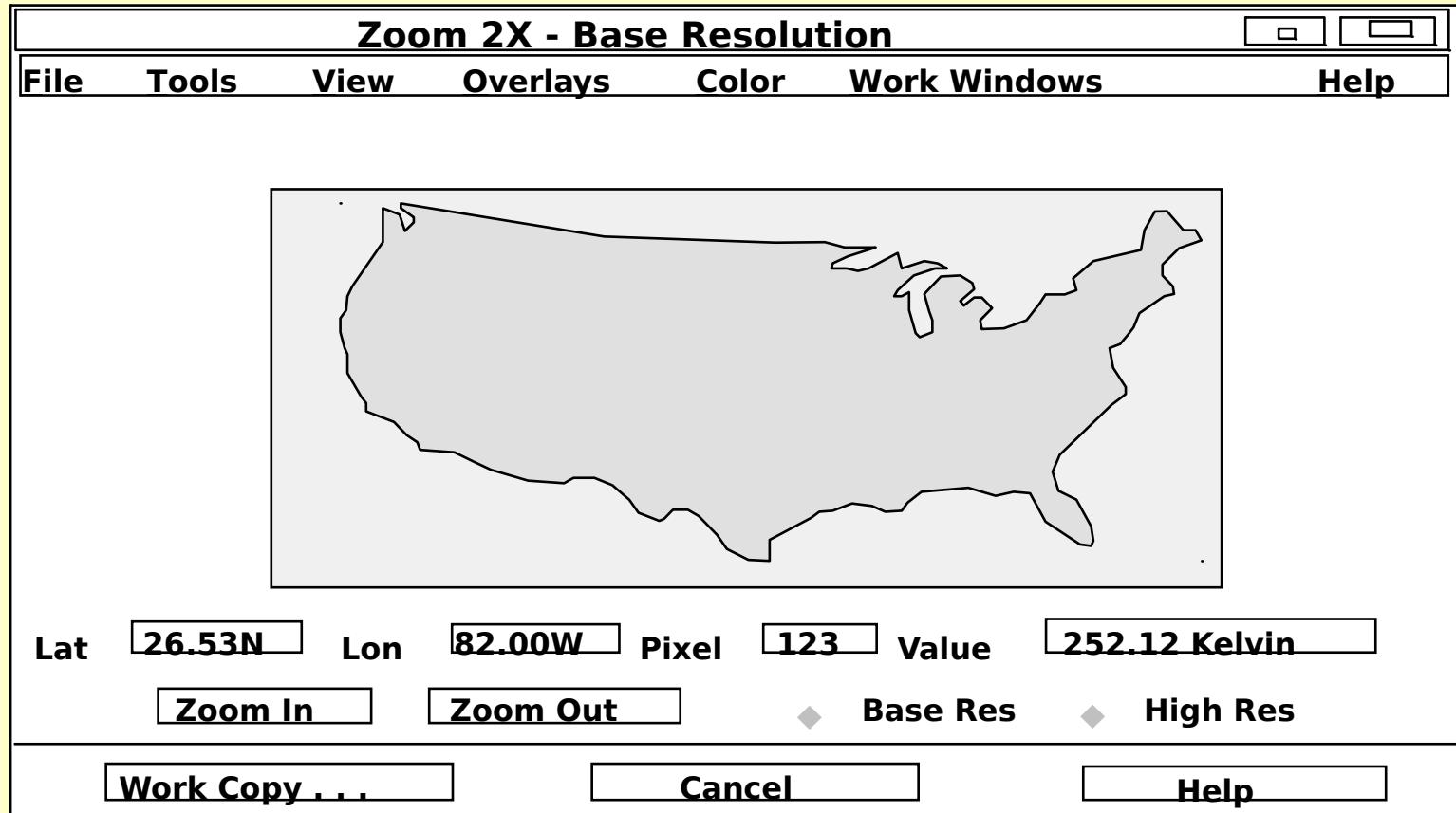


ZOOM AN IMAGE





ZOOM DISPLAY WINDOW





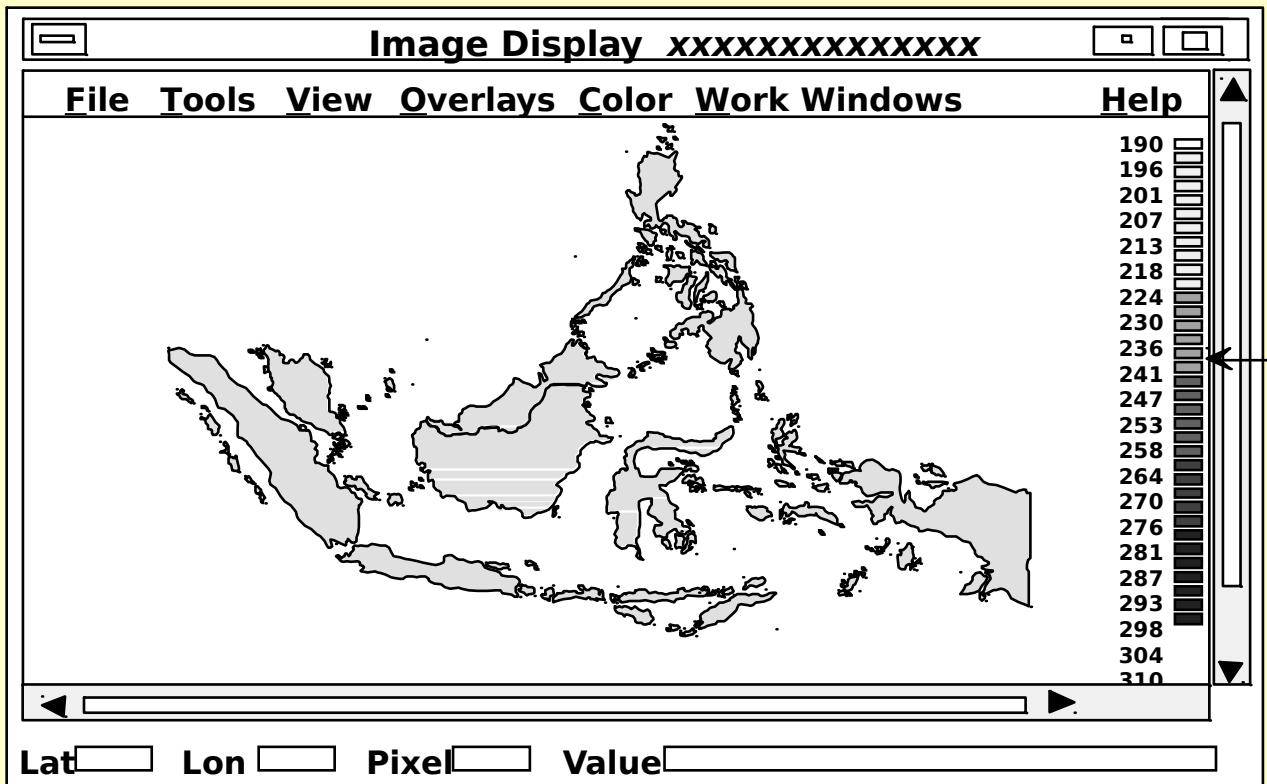
LOOPING WITH HISTOGRAMS AND COLOR



- Before loading the animation loop, make sure the zoom feature is on.
- Zoom window will appear.
- At this point you can color or histogram and select OK.
- Changes will then be applied to the entire loop.



COLORBAR



**Color Bar
(approximate
temperatures)**

**Represents calibrated
values when available;
pixel values when not.**

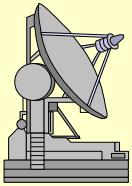


LESSON 5a.3 REVIEW



In this section we covered:

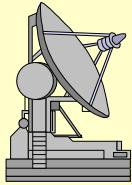
- Changing Units
- Determining Distances
- Positioning the Cursor
- Zoom Functions
- Color Bar



LESSON 5a.4



APPLYING GRAPHICS TOOLS

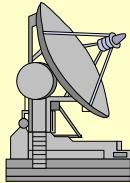


LESSON 5a.4 OVERVIEW



In this section we will cover

- Annotate and Draw Functions
- Overlaying EDR Products
- Overlay List Management
- Product Specifications
- Shifting Overlays
- Manipulating Color



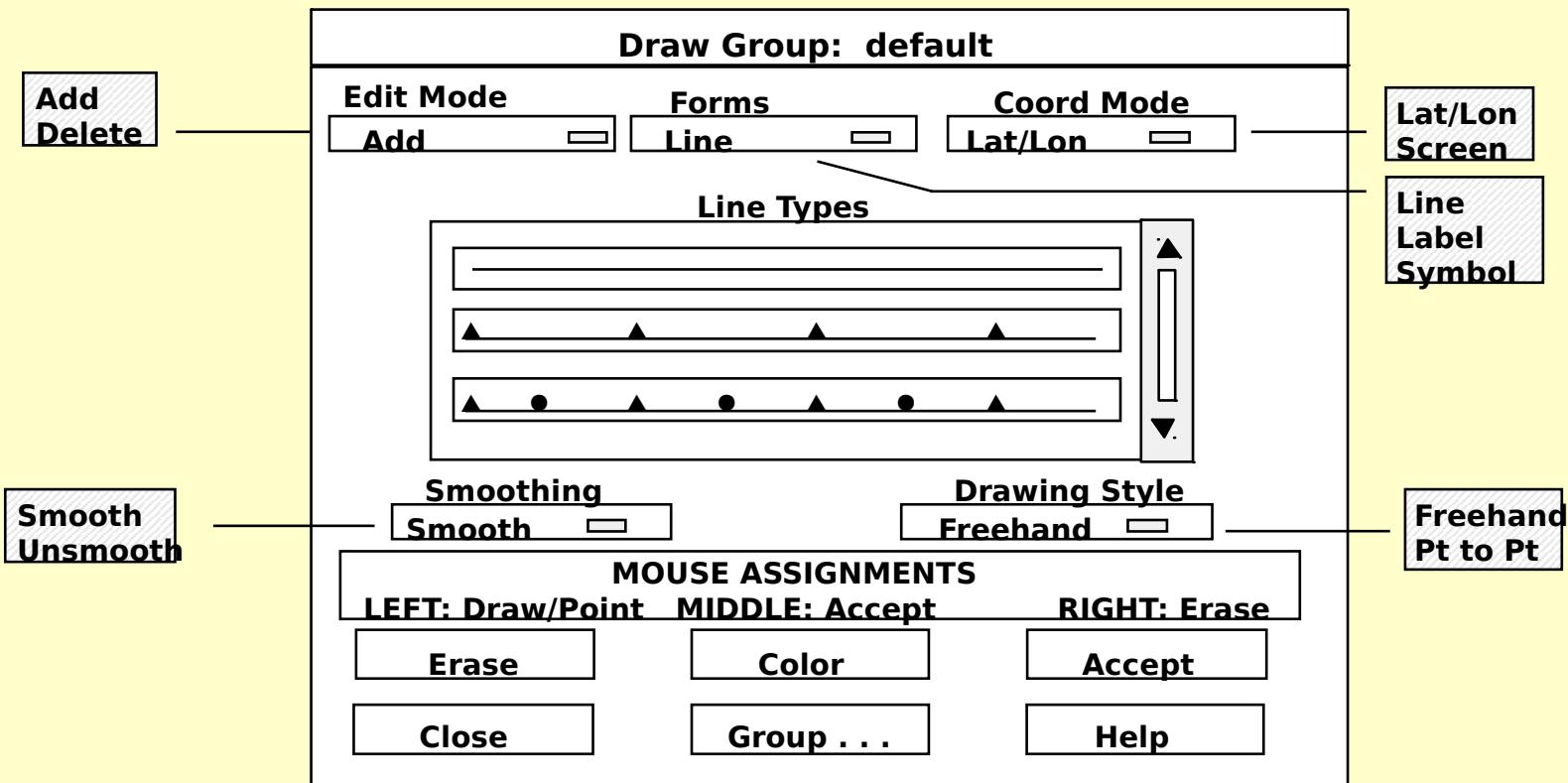
LESSON 5a.4 OBJECTIVES

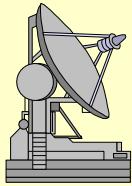


- Using the STT training simulator, system manuals, and student workbooks, the student will be able to:
 - Use Annotate and Draw functions to further enhance and analyze displayed images
 - Apply EDR products to displayed images
 - use overlay
 - Load, save and manipulate product specifications
 - Shift overlays displayed on the images



ANNOTATE AND DRAW CONTROL WINDOW





CREATING GROUPS



Define Group Name

OK **Cancel** **Help**

Groups are normally created when their use can be applied to more than one occurrence.

You must define the group name before you start editing the image.



PRODUCT OVERLAYS WINDOW



Product Overlays

Overlay	Contours Streamlines Windbars	Level 1	Level 2
Data Source	T-1/T-2 SSMI_EDR Quick_EDR UsrDefEDR	1000 850 700 500	
Type	Dew_point_Dpr Gridded_Temp Hght_Cnst_Pres Pres_at_Trop		
Units	Meters	Overlay Data Exists	YES
Threshold	4800	Above	
Base		Smooth	Save Defaults
Interval	60	Unsmooth	
Close Apply List . . . Data . . . Help			

Above
Below
Equal
Outside
Between



OVERLAY LIST WINDOW

Overlay List

Currently Selected Overlays

- Lat/Lon
- Land/Sea
- Lakes/Rivers
- Geopolitical
- Station Position
- Age Composite Map
- Contour, DewPoint, Lvl500, Base -100., Int 10., Smooth



Image On Off

Close

Apply

Purge List

Help

Note: Purge list permanently deletes all the toggled off entries. Maps and Images aren't affected.

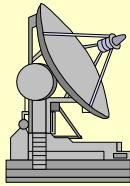


SAVE PRODUCT SPECIFICATIONS



Save/Delete Product Specifications

Class Name ARTRACKS carl carl2 carl3	Product Specification Name 300_SERIES
Saved Class Name ARTRACKS	Saved Product Specification Name 300_SERIES
Close Save Delete Help	



LOADING PRODUCT SPECIFICATIONS



- The user can load a previously saved EDR Product overlay and items created with the Annotate and Draw functionality (Groups) and apply it to image currently displayed.

Load Product Specification

Class Name	Product Specification Name
ARTRACKS	carl1
carl	carl1_with_skew_t
carl2	corners
carl3	kathy_edr_500+850
csc_test	kathy1and2
csc_test.tar	kathy_edr_500
eric	
misc	

Append Specification **Replace Specification**

OK **Apply** **Cancel** **Help**



DELETE PRODUCT SPECIFICATIONS



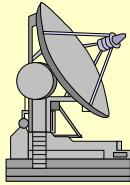
Save/Delete Product Specifications

Class Name	Product Specification Name
ARTRACKS carl carl2 carl3	300_SERIES

Saved Class Name **Saved Product Specification Name**

ARTRACKS	300 SERIES
----------	------------

Close **Save** **Delete** **Help**



SHIFT OVERLAYS



- The operator is able to move overlays drawn in Lat/Lon space to the right, left, up or down to better match the true boundaries displayed on a satellite image. Symbols, lines and labels drawn in Screen mode are not adjusted.

Shift Overlays

Shift Overlays

Use left mouse button to select start position
Use middle mouse button to select end position

Then press Shift button

Close **Shift** **Help**

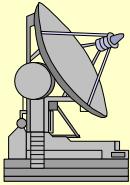


LESSON 5a.4 REVIEW



In this section we covered:

- Annotate and Draw Functions
- EDR Product Overlay Functions
- Using Overlays
- Product Specifications
- Shifting Overlays



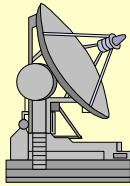
LESSON TOPIC 5a.5



COLOR OPTIONS

MODULE 5a

5a-51



LESSON 5a.5 OVERVIEW



In this section we will cover

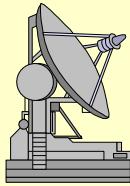
- Loading Color Tables
- Modifying and Saving Color Tables
- Deleting Color Tables and Restoring Images



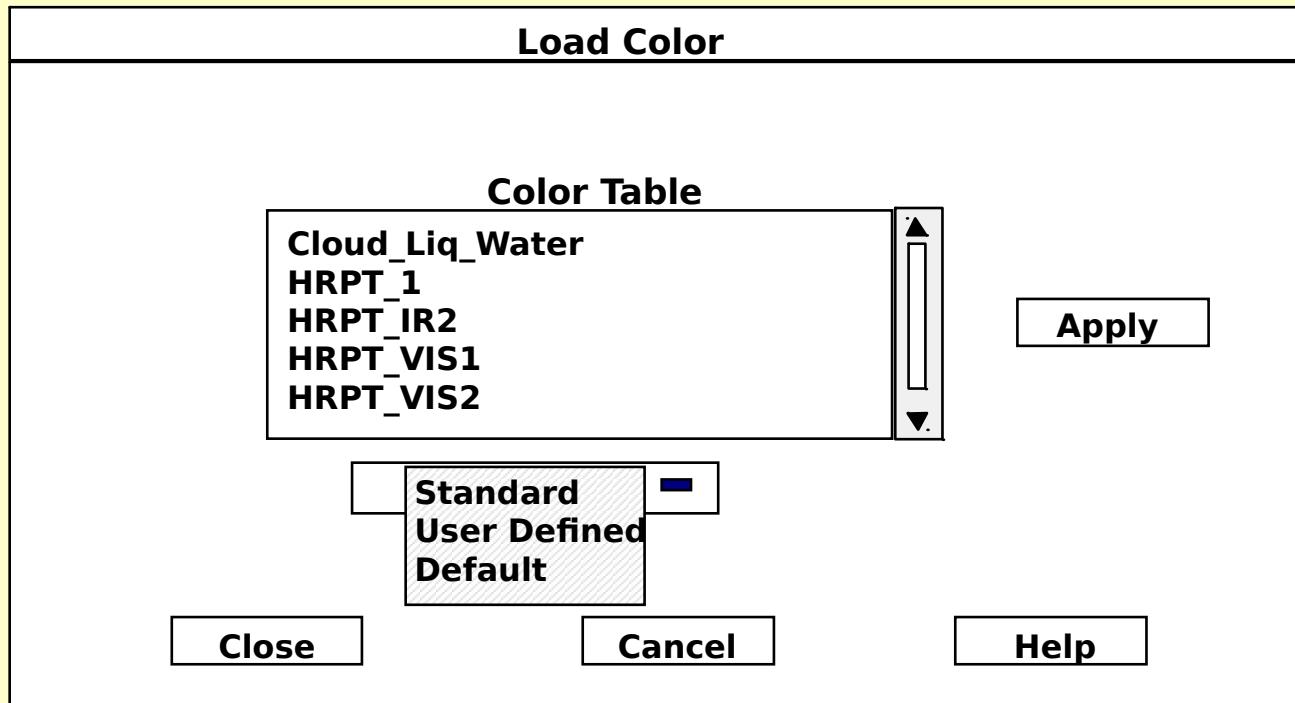
LESSON 5a.5 OBJECTIVES



- Using the STT training simulator, system manuals, and student workbooks, the student will be able to:
 - Load color tables on displayed images
 - Modify, save and delete color tables
 - Restore images



LOAD COLOR WINDOW





MODIFY COLOR WINDOW



Modify Color

Color palette row: 310 301 291 282 273 263 254 246 236 229 217 208 199 190

Blend button

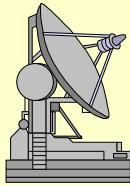
Red color bar

Green color bar

Blue color bar

Temp: 261.53 Kelvin (BT)
Hist: 2045
RGB: 103 103 103
Pixel: 103

Close **Save . . .** **Reset** **Cancel** **Help**



SAVE COLOR TABLE WINDOW



Save Color

Save As . . .

Color Table Name

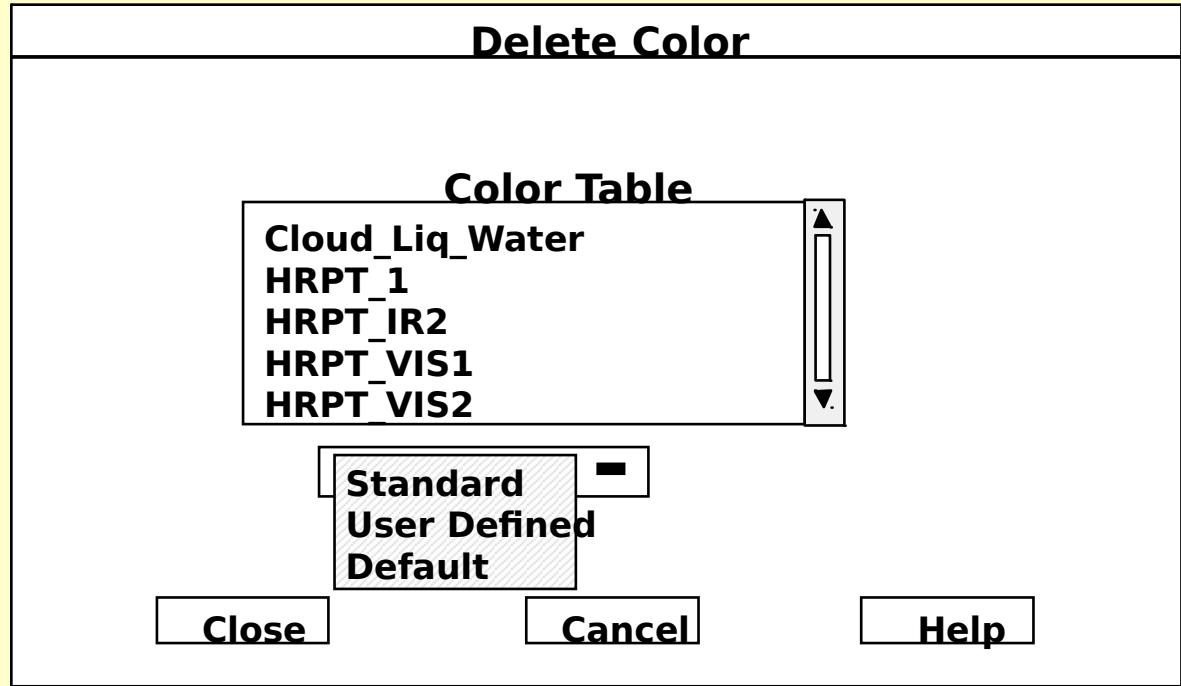
OK **Cancel** **Help**

**User Defined
Default
Standard**

**Default - For Image Category
Default - For Image Type
Default - For Satellite Type**

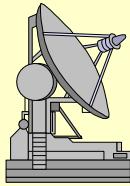


DELETE COLOR TABLE WINDOW/RESTORE IMAGE



A Confirmation Request window is not available for deleting a User Defined Color Table.

Restore Image is used to restore any manipulated image (except False Color) to its original state.

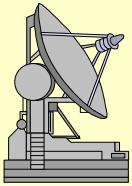


LESSON 5a.5 REVIEW



In this section we covered

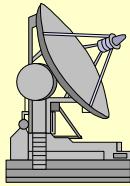
- Loading Color Tables
- Modifying and Saving Color Tables
- Deleting Color Tables
- Restoring Images



LESSON 5a.6



SYSTEM MANAGEMENT



LESSON 5a.6 OVERVIEW



In this section we will cover:

- Archiving and Restoring
- Manual Archiving
- Restoring Images and Products
- Deleting Images and Products
- Purging
- Changing system Default Units
- Network Table
- PI Set Definition



LESSON 5a.6 OVERVIEW (pt 2 of 2)



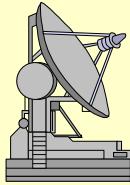
- Product Generation Schedule
- Status and Error Logs
- System Security and Classification
- System Purge and Reload



LESSON 5a.6 OBJECTIVES



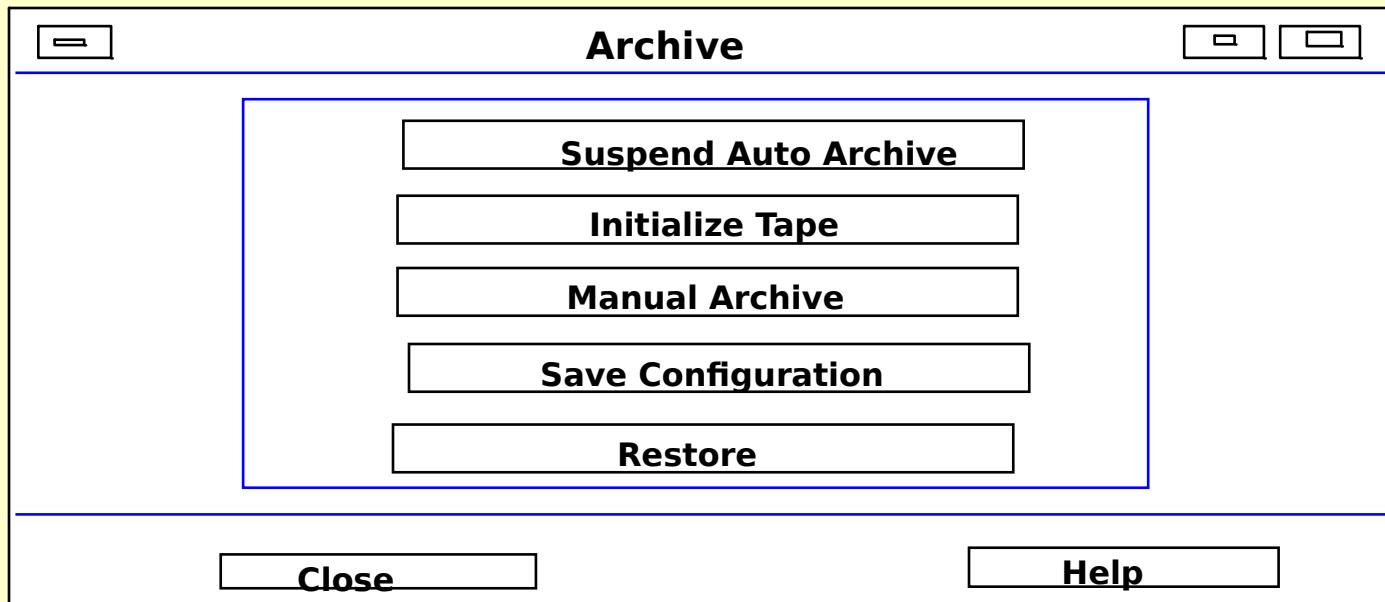
- Using the STT training simulator, system manuals, and student workbooks, the student will be able to:
 - Access, change and apply archive and restore functions
 - Delete images and products
 - Set-up and apply purge parameters
 - Access and manipulate the disk status window, default units , Network Table and PI set window.
 - Set-up and apply product generation and distribution tables
 - Access and understand the log viewer
 - Identify security requirements and conduct purge and reload functions as well as classification changes



ARCHIVE AND RESTORE



- The operator is able to save and restore images and product data to and from tape or disk. The operator is also able to save configuration files to floppy or tape.





MANUAL ARCHIVE WINDOW



Manual Archive

Archive To **Tape Disk**

Filter

Directories

Files

Mode **Append** **New Archive**

Files to be archived

Selection

OK **Filter** **Select All**

Total Bytes **39218**

Click to Deselect a File

Close **Archive** **Help** **Clear**

MODULE 5a

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RESTORE WINDOW



Restore

Restore From **Tape** **Disk**

Mode **Modification Time** **Extraction Time**

Files Archived on Device - List of files on the current archive device

Files to be Restored

Click to Deselect a File

Total Bytes

Load **Select All** **Clear**

Close **Restore** **Help**

from list of files to be restored



DELETE SELECTED IMAGE FILES



Delete Image

Data Type	APT
Projection	APT
Satellite	APT
PSN	APT
PSS	APT
Mercator	APT
Composite	APT
Image Category	APT
Channel_A	APT
Channel_B	APT
UserDef_Visir	APT
Image Type	APT
All	APT
DTG	APT
951104_1134_N12	APT
951104_0048_N12	APT

Projection
Satellite
PSN
PSS
Mercator
Composite

Image Category
Channel_A
Channel_B
UserDef_Visir

Image Type
All

DTG
951104_1134_N12
951104_0048_N12

Buttons

Delete **Cancel** **Help**

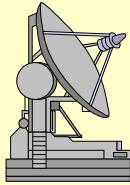


DELETE PRODUCT WINDOW



Delete Product		
Class Name	Product Name	DTG
CIDE test	temp	951212_1212_F12 951201_2255_F11
<input type="button" value="Delete"/>	<input type="button" value="Cancel"/>	<input type="button" value="Help"/>

Double - clicking on a Class Name, Product Name, or a DTG deletes the selected product file after confirmation. The Delete Product window remains open. MODULE 5a



PURGE FACTS . . .



- Purging is the automatic removal of old and no longer needed data. The operator is able to view and modify the default and detailed purge setup allocations that the system uses for deletion (purging) activities.
- For APT, HRPT, DMSP and HRGEO data types, image files are retained based on the number of passes allocated.
- Composite files associated with APT, HRPT and DMSP data are retained based on the number of snapshots allocated.
- For WEFAX and Products data types, image files are retained based on the number of files allocated.
- All of the data types are also retained based on the maximum number of_hours specified. Files older than the max hours are purged regardless of the number of passes or files specified to keep.
- The operator is able to view the status of the disks on the system.



PURGE SETUP WINDOW



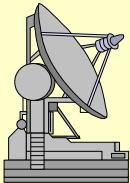
Purge Setup

Number of Passes Retained			
Projection	Satellite	Other	Max Hours
APT...	10	6	998
HRPT...	7	4	999
DMSP...	30	6	999
HRGEO...	5	12	999

Number of Files Retained		Max Hours
WEFAX...	3	999
Products...	3	999

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DETAILED PURGE SETUP



- After selecting individual data type, you can specify which image or data types you want to retain more or less



DISK STATUS WINDOW

Disk Status

Data Directories on Disk

Workstation External JTFST

Size in Kilobytes	Directory Name
2	/disk2/base/image/HRPT/_ingest
9161	/disk2/base/image/HRPT/Channel_1/4:
1	/disk2/base/image/HRPT/Channel_1/4:
1873	/disk2/base/image/HRPT/Channel_1/4:
1	/disk2/base/image/HRPT/Channel_1/4:
11037	/disk2/base/image/HRPT/Channel_1/4:
83682	/disk2/base/image/HRPT/Channel_1/Fi
1	/disk2/base/image/HRPT/Channel_1/Fi
1	/disk2/base/image/HRPT/Channel_1/Fi

Kilobytes Available **115274**

Kilobytes Used **1630397 - 93% used**

Close **Help**



DEFAULT UNITS WINDOW



Default Units	
Day	Day of Year <input type="checkbox"/>
Dewpoint	Fahrenheit <input type="checkbox"/>
Pressure	Millibars <input type="checkbox"/>
Rainfall	Inches <input type="checkbox"/>
Rain Rate	Inches / hour <input type="checkbox"/>
Snow Depth	Inches <input type="checkbox"/>
Temperature	Celsius <input type="checkbox"/>
Vertical Distance	Meters <input type="checkbox"/>
Wind Speed	Knots <input type="checkbox"/>

OK **Cancel** **Help**

NOTE: To change units for the currently displayed image only, go to View -->Changing Units . . . from the Main Image Display window.



NETWORK TABLE WINDOW



External Systems Network Table

Weather System

CWS	▲
IMETS	□
TAWDS	▼

External Distribution

◆ On ◆ Off

Network Information for Remote Weather System

Host ID

◀	▶
---	---

Directory /dmsp

◀	▶
---	---

View IP Address . . .

Apply **Reset**

Close **Edit System Files . . .** **Help**



PI SET DEFINITION WINDOW



PI Set Definition

Available PI Sets	Selected PI Sets
<p>20 "Regional Window Europe" 21 "Regional Window S.W. Asia" 22 "Regional Window S.E. Asia" 23 "Regional Window S. Africa" . .</p> <p>◀ ▶</p>	<p>76 "Subwindow US (East)" 78 "Subwindow US (S.E.)"</p> <p>◀ ▶</p>

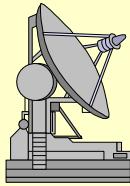
View Map . . .

Add

Remove

OK **Cancel** **Help**

This step is required in order to ship images to the TFS/TAWDS/IMETS



PRODUCT SCHEDULE



Product Schedule

Product Type	F D R
Generation Schedule	
time,product_name,,remap	<pre>PASS,Quick_EDR Soil_Moisture F10_F11_F12 PASS,Quick_EDR Surface_Type F10_F11_F12 PASS,Quick_EDR Surface_Wnd_Sp F10_F11_F12 PASS,SSMI_EDR Rain_Rate_Land F10_F11_F12 PASS,SSMI_EDR Sfc_Temp_Land F10_F11_F12 PASS,SSMI_EDR Soil_Moisture F10_F11_F12 PASS,SSMI_EDR Surface_Type F10_F11_F12 PASS,SSMI_EDR Surface_Wnd_Sp F10_F11_F12 PASS,T-1/T-2 Air_Mass F10_F11_F12 PASS,T-1/T-2 Dew_Point 500 F10_F11_F12 PASS,T-1/T-2 Geostrop_Winds 200 F10_F11_F12 PASS,T-1/T-2 Gridded_Temp F10_F11_F12 PASS,T-1/T-2 Gridded_Temp 1000 F10_F11_F12</pre>

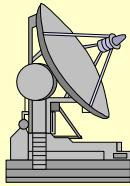


EDIT EDR GENERATION SCHEDULE



- The user is able to add and modify the EDR products by choosing the Data Source, Type, Levels based on the EDR Category: Contours and Wind Fields, and select the satellites and time parameters for automatic generation.

Edit EDR Generation Schedule					
Category <input type="text" value="Contours"/> <input type="button" value="—"/>					
Data Source T-1/T-2 SSMI_EDR Quick_EDR UserDef_EDR	Type Cloud_Liq_Water Ice_Age Ice_Concent Ice_Edge Rain_Rate_Land	Level 1	Level 2		
<input type="button" value="F10"/>	<input type="button" value="F11"/>	<input type="button" value="F12"/>	<input type="checkbox"/> Pass Arrival <input type="checkbox"/> Set Time	<input type="text" value="I"/> hhmm	
<input type="button" value="Close"/>	<input type="button" value="Add"/>	<input type="button" value="Modify"/>	<input type="button" value="Modify All"/>	<input type="button" value="Help"/>	

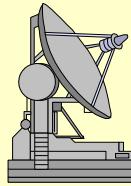


EDR DISTRIBUTION SCHEDULE



- The user is able to view the distribution schedule for a specific EDR product or all EDRs in the schedule. The user can edit and delete from the distribution schedule. *User defined EDRs can not be distributed through External Distribution.*

Distribution Schedule	
Distribution Schedule for	
<input type="checkbox"/> SSMI_EDR Rain_Rate_Land F10_F11_F12	
<input type="checkbox"/> all EDRs	
time,product_name,destination,remap	
1745,SSMI_EDR Cloud_Liq_Water F10_F11_F12,CT	
<input type="button" value="Edit..."/> <input type="button" value="Delete..."/>	
<input type="button" value="Close"/>	<input type="button" value="Help"/>



EDR - EDIT DISTRIBUTION SCHEDULE



- The user is able to add and modify the destination list and time parameters for the selected EDR product.

Edit Distribution Schedule

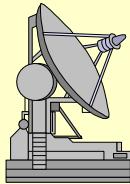
Product Name: SSMI_EDR Cloud_Liq_Water F10_F11_F12

Destinations

C - CWS
I - IMETS
T - TAWDS

▷ Pass Arrival
▷ Set Time

1745
hhmm



EDR - DELETE FROM SCHEDULE



- The user is able to remove the selected entries from the schedule. The product is highlighted in the Generation Schedule window. *The user can delete from the Product Schedule window as well.*

Delete From Schedule

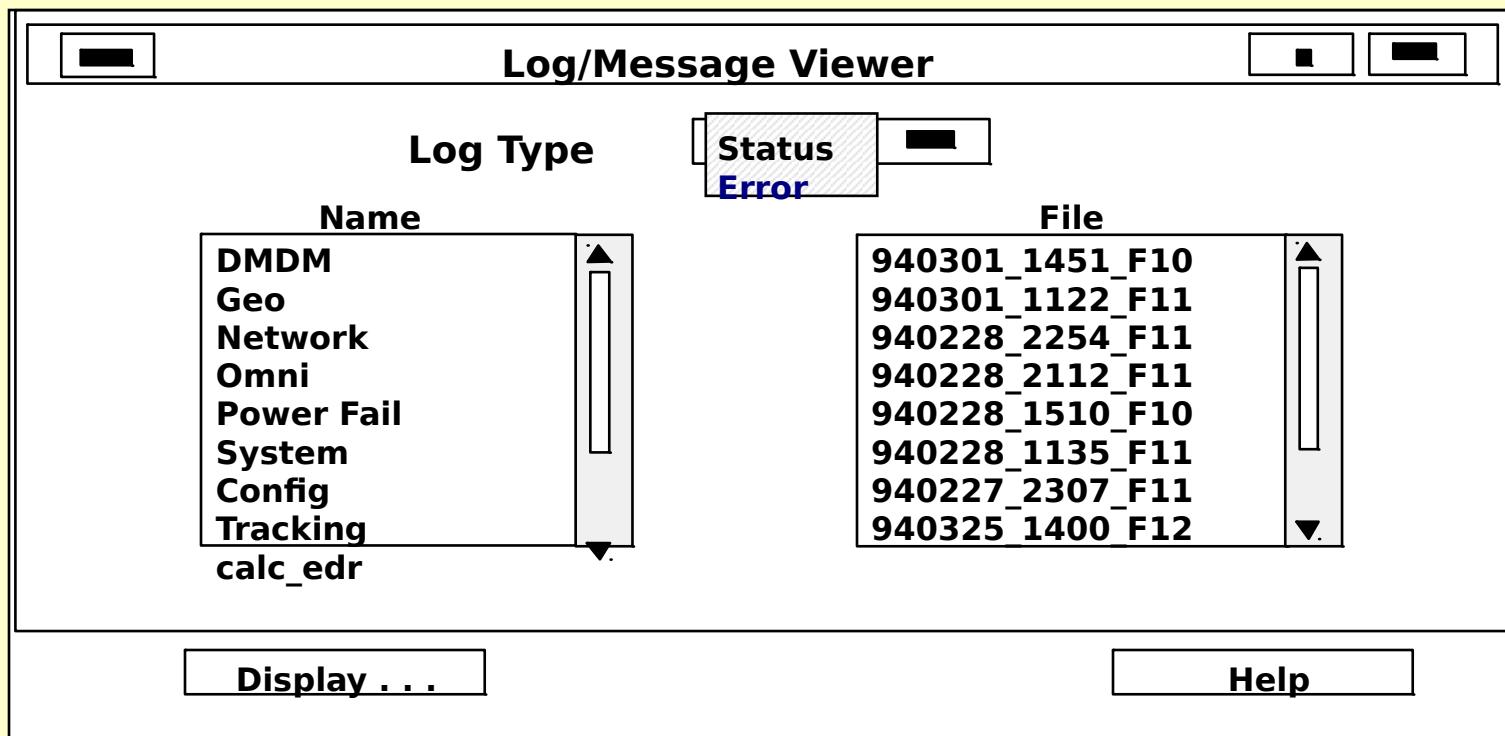
Product Name: SSMI_EDR Rain_Rate_Land F10_F11_F12

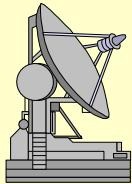
Generation and Distribution Schedule

GEN PASS,SSMR_EDR Rain_Rate_Land F10_F11_F12	
--	--



LOG VIEWER WINDOW





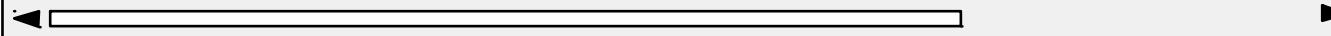
ERROR LOG WINDOW



Error Log All_Errors 941102_0300

Tue Mar 1 18:25:25 1994 System Config sttstart:o(252):
Error attaching to Startup Snychronization semaphore.
Error code:0
Exiting program
Notify the system administrator

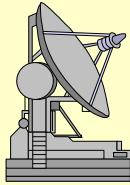
Tue Mar 1 18:31:37 1994 UNKNOWN PROGRAM bifputils.o(130):
Unable to open Time/GPS device/dev/bts14(errno-1
Notify the system administrator



Close

Print

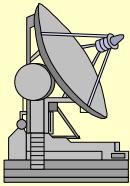
Help



SYSTEM SECURITY FACTS



- The system unique configuration files are saved to tape or floppy using the Archive/Restore . . . option from the System Manager window.
- The AN/TMQ-43 security level is upgraded to SECRET System High at the Modify System Configuration window using a “config” login.
- The system cannot return to Unclassified until the clear/purge and restore operations are completed using the CD-ROM.
- External distribution to Unclassified systems must be turned Off and physically disconnected prior to classifying the AN/TMQ-43 SECRET System High.
- The software purge and reload process takes several hours.



SAVE CONFIGURATION



Save Configuration

Select device and press Ok to save system unique configuration files.

Save to:

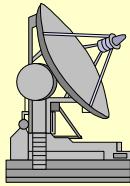


CLASSIFICATION LEVEL UPGRADE



Modify System Configuration

Default Image Projection	PSN	<input type="text" value="—"/>
Min Acquisition Angle	10.00	Degrees
Automatic Archive	<input checked="" type="radio"/> On	<input type="radio"/> Off
System Type	Enhanced	
Classification Level	Unclassified	
System ICAO Code	Secret	
Cold Start System	<input type="radio"/> Yes	<input checked="" type="radio"/> No
<input type="button" value="Set Time. . ."/>		<input type="button" value="Set Position ..."/>
<input type="button" value="OK"/>		<input type="button" value="Cancel"/>
<input type="button" value="Help"/>		



CLEAR/PURGE, RESTORE AND RELOAD



- The clear/purge operation is initiated with a “reload” login at the Workstation.
- The clear/purge operation assumes that the revision of software is the same and that the tape or floppy with the system unique configuration files is available.
- When the purging is finished, the system will begin loading the operating system and application software, then the system configuration files.
- The CD-ROM and CD can be tested independently.



LESSON 5a.6 REVIEW



In this section we will cover:

- Archiving and Restoring
- Manual Archiving
- Restoring Images and Products
- Deleting Images and Products
- Purging
- Changing system Default Units
- Network Table
- PI Set Definition

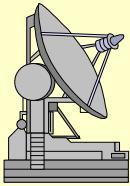


LESSON 5a.6 REVIEW

(pt 2 of 2)



- Product Generation Schedule
- Status and Error Logs
- System Security and Classification
- System Purge and Reload



MODULE 5a REVIEW



■ QUESTIONS?